



GENERAL NOTES

1. ASSEMBLY SHALL BE APPROVED BY U.S.C. FOUNDATION FOR CROSS CONNECTION AND HYDRAULIC RESEARCH.
2. CONTACT CITY OF GOODYEAR, WATER OPERATIONS DIVISION, FOR A LIST OF APPROVED BACKFLOW PREVENTION ASSEMBLIES.
3. FOUR (4) TEST COCKS TO BE INSTALLED PER U.S.C.
4. COPPER FITTINGS SHALL BE CONNECTED WITH LEAD-FREE SOLDER JOINTS.
5. FINISHED GRADE BELOW BACKFLOW PREVENTER SHALL BE 95% COMPACTION.
6. ASSEMBLY, EXCEPT SIAMESE F.D.C., MAY BE PAINTED TO BLEND WITH LANDSCAPE SURFACE TREATMENT OR ON-SITE STRUCTURES.
7. THE ASSEMBLY MAY ALSO BE SCREENED WITH SHRUBBERY OR BE ENCLOSED WITHIN A WALL TYPE STRUCTURE. ADEQUATE DRAINAGE FOR SURFACE WATER IS REQUIRED.
8. ANY SCREENING/ENCLOSURE MUST PROVIDE A MINIMUM 18" ACCESS OPENING (UNSECURED GATES ARE ACCEPTABLE) AND SIDE WALLS OR SHRUBBERY MUST BE A MINIMUM OF 24" FROM THE OUTSIDE FACE OF ANY PORTION OF THE BACKFLOW PREVENTION DEVICE.
9. ASSEMBLY MAY BE PROTECTED BY GUARD POSTS (MODIFY PER G-3332, HYDRANT GUARDS, GOODYEAR SUPPLEMENT TO MAG).

LIST OF MATERIALS

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| <ol style="list-style-type: none"> 1 APPROVED DOUBLE CHECK VALVE ASSEMBLY. 2 GATE VALVE, RESILIENT SEATED (NON-RISING STEM)(O.S.&Y. REQUIRED ON FIRELINE). 3 90° ELL (FLANGED D.I.P. 3" THROUGH 12"). 4 TEST COCK, RESILIENT SEATED (4 REQUIRED) FIT WITH BRASS PLUG. 5 ADJUSTABLE PIPE SUPPORT PERMANENTLY ATTACHED TO BASE (4" AND LARGER ASSEMBLY ONLY). 6 FLANGE ADAPTER (WHEN REQUIRED). | <ol style="list-style-type: none"> 7 CONCRETE SUPPORT PAD 4" THICK BY 18" WIDE MINIMUM BENEATH 4" AND LARGER ASSEMBLIES. (CLASS "A" CONC). 8 3"x3"x1/4" STEEL ANGLE. BOLT TO FLANGE, EACH END WITH ONE BOLT. COAT WITH COAL TAR EPOXY (16 MILS) REQUIRED ON 4" AND LARGER ASSEMBLIES. 9 PIPE SPOOL (FLANGED D.I.P. 3" THRU 12"). 10 TAMPER SWITCH (ON FIRELINE ONLY, OPTIONAL). 11 ELECTRICAL CONDUIT FOR TAMPER SWITCH. 12 TEE, BLIND FLANGE TAPPED 4" WITH SIAMESE 2 1/2" F.D.C. WITH NATIONAL STANDARD THREADS AND CHECK VALVE PAINTED RED. |
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DETAIL NO.
G-3352

CITY OF GOODYEAR
STANDARD DETAIL

APPROVED BY:
Goodyear Standards and
Policies Committee 7/97

DOUBLE-CHECK DETECTOR VALVE
BACKFLOW PREVENTION ASSEMBLY
INSTALLATION - 3" AND OVER

DETAIL NO.
G-3352